

12
Claims

1. A small sized and high-pressurized container for preventing explosion, comprising

5 a can body for containing high-pressurized contents therein;

an upper body, which has a predetermined dome-like shape, is connected to the top of said can body by seaming, and comprises a groove around its lower part;

10 a valve, which is crimped on the top of said upper body and extended from the inside of said can body to the outside of said upper body, in order to discharge the high-pressurized contents in said can body and inside of said upper body;

a plurality of scores configured at the bottom of the groove
15 of said dome-like upper body, in order to discharge the high-pressurized contents inside of said can body to the outside.

2. The small sized and high-pressurized container for preventing explosion according to claim 1, characterized in that
20 the thickness of said scores is from 0.03mm to 0.08mm.

3. The small sized and high-pressurized container for preventing explosion according to claim 1, characterized in that
the size of said scores is from 0.1mm²-4.0mm².

25

4. The small sized and high-pressurized container for preventing explosion according to claim 1, characterized in that the number of said scores is from 4 to 20.

30 5. The small sized and high-pressurized container for preventing explosion according to claim 1, characterized in that

13

the shape of said scores is circle or polygon.